



00684.002745

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Naoto SANO, et al. ) : Examiner: L. Scott, Jr.  
Appln. No.: 09/163,402 ) : Group Art Unit: 2828  
Filed: September 30, 1998 ) :  
For: GAS LASER DEVICE AND ) :  
EXPOSURE APPARATUS USING ) :  
THE SAME ) : October 6, 2004

**Mail Stop RCE**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

REMARKS

Japanese Laid-Open Patent Application, Publication No. 03-295285 shows a gas laser device in which the number of revolutions of a turbo blower high-frequency motor is changed between a base discharge period and a maximum output period.

Japanese Laid-Open Patent Application, Publication Nos. JP 02-013769, JP02-069785, JP04-057077 and Japanese Utility Model Application No. 62-109634 and 64-015249 disclose a cooling system in which the number of revolutions of a revolving

member is slowed down or stopped during a stand-by state while taking into account the lifetime of the bloower fan bearing.

Japanese Laid-Open Patent Application, Publication Nos. JP63-086587, JP02-294013 (U.S. Patent 5,383,217), and JP06-140695 (U.S. Patent 5,463,650) disclose exposure apparatus having an exposure state and a non-exposure state.

Japanese Laid-Open Patent Application, Publication Nos. JP62-281484 and JP62-026881 disclose a laser oscillation device having laser gas circulation means inlcuding a blower for cooling the laser gas.

Japanese Laid-Open Patent Application, Publication Nos. JP04-022181, JP03-046787 and JP03-070426 and Japanese Utility Model Application No. UM63-070081 disclose apparatus in which any abnormality of the number of revolutions of a blower or a fan is detected by use of detecting means to detect the number of revolutions of the blower or the fan to stop the operation of the blower or the fan.

#### FORMAL MATTERS

No fee is believed due; however, any fee required in connection with this paper should be charged to Deposit Account 06-1205. A duplicate of this paper is enclosed.

#### CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' attorney, Steven E. Warner, may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
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Attorney for Applicants  
Jack S. Cubert  
Registration No. 24,245

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3800  
Facsimile: (212) 218-2200  
SEW/JSC/dc

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FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				PATTY DOCKET NO. <b>00684.002745</b>		APPLICATION NO. <b>09/163,402</b>	
Submitted: October 6, 2004				APPLICANT <b>NAOTO SANO, ET AL.</b>			
				FILING DATE <b>September 30, 1998</b>		GROUP <b>2828</b>	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>5,383,217</b>	<b>1/17/1995</b>	<b>Uemura</b>	<b>372</b>	<b>58</b>	
		<b>5,463,650</b>	<b>10/31/1995</b>	<b>Ito, et al.</b>	<b>372</b>	<b>57</b>	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		<b>3-295285</b>	<b>12/26/1991</b>	<b>Japan</b>			<b>Abstract</b>
		<b>2-13769</b>	<b>1/18/1990</b>	<b>Japan</b>			<b>Abstract</b>
		<b>2-69785</b>	<b>3/08/1990</b>	<b>Japan</b>			<b>Abstract</b>
		<b>4-57077</b>	<b>2/24/1992</b>	<b>Japan</b>			<b>Abstract</b>
		<b>62-109634</b>	<b>5/20/1987</b>	<b>Japan</b>			<b>Abstract</b>
		<b>64-15249</b>	<b>1/25/1989</b>	<b>Japan</b>			<b>Abstract</b>
		<b>63-86587</b>	<b>4/16/1988</b>	<b>Japan</b>			<b>Abstract</b>
		<b>2-294013</b>	<b>12/05/1990</b>	<b>Japan</b>			<b>Abstract</b>
		<b>6-140695</b>	<b>5/20/1994</b>	<b>Japan</b>			<b>Abstract</b>
		<b>62-281484</b>	<b>12/07/1987</b>	<b>Japan</b>			<b>Abstract</b>
		<b>62-26881</b>	<b>2/04/1987</b>	<b>Japan</b>			<b>Abstract</b>
		<b>4-22181</b>	<b>1/27/1992</b>	<b>Japan</b>			<b>Abstract</b>
		<b>3-46787</b>	<b>2/28/1991</b>	<b>Japan</b>			<b>Abstract</b>
		<b>3-70426</b>	<b>3/26/1991</b>	<b>Japan</b>			<b>Abstract</b>
		<b>63-70081</b>	<b>5/11/1988</b>	<b>Japan</b>			<b>Abstract</b>
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		<b>Japanese Official Action (Notice of Reason for Rejection) dated June 18, 2002, plus excerpt English translation.</b>					
		<b>Japanese Official Action (Decision of Rejection) dated October 1, 2002, plus excerpt English translation.</b>					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.